

Converting Colors

Yxy(33.8874, 0.4010, 0.3030)

Have a look what the booklet for
Yxy(33.8874, 0.4010, 0.3030)
contains.

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Color

Yxy(33.9712, 0.4012, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	E38096
RGB	227, 128, 150
RGB Percent	89%, 50%, 59%
CMY	0.1098, 0.4981, 0.4117
CMYK	0.00, 0.44, 0.34, 0.11
HSL	347°, 64%, 70%
HSV	347°, 44%, 89%
XYZ	44.9069, 33.9712, 33.0534
YIQ	160.1090, 51.9420, 27.8300

Conversions

Conversions Part 2

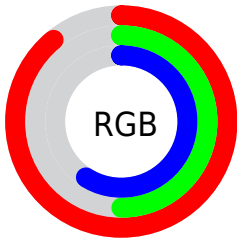
Format	Color
R _Y B	227, 128, 150
Decimal	14909590
CIE Lab	64.94, 40.55, 5.14
CIE LCh	65, 40.875, 7.218
Yxy	33.9712, 0.4012, 0.3035
Android (android.graphics.Color)	4293099670 (0xFFE38096)
YUV	160.1090, -4.9837, 58.6634
Hunter-Lab	58.2848, 35.5311, 7.1760

Details

The Yxy color **33.9712, 0.4012, 0.3035** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.9408, 0.2649, 0.3574**, and the grayscale version is **35.2133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.0755, 0.3571, 0.3063**, and **14.5048, 0.4310, 0.2949** is the 20% darker color. If you saturate the color by 10%, you get **28.1723, 0.4340, 0.2985**, and if you desaturate by 10%, it is **41.1837, 0.3736, 0.3093**.

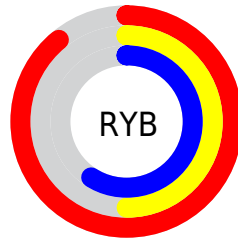
Distribution



Red (89%)

Green (50%)

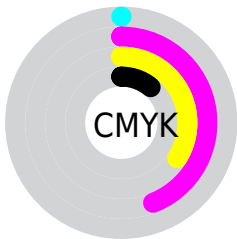
Blue (59%)



Red (89%)

Yellow (50%)

Blue (59%)

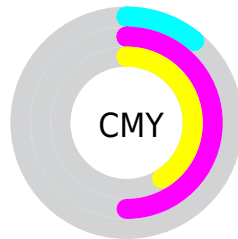


Cyan (0%)

Magenta (44%)

Yellow (34%)

Black (11%)



Cyan (11%)


Magenta (50%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9712, 0.4012, 0.3035 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 33.9712, 0.4012, 0.3035 by changing the saturation by 10% instead.


 33.9712, 0.4012,
0.3035

 33.9712, 0.4012,
0.3035


320.0036, 0.3545,
0.3176

 22.8715, 0.4137,
0.2996


 65.8889, 0.3836,
0.3089

 14.4986, 0.4302,
0.2942


 87.4756, 0.3772,
0.3109

 8.4683, 0.4529,
0.2866


 113.3268, 0.3718,
0.3125

 4.3960, 0.4862,
0.2750

143.8269, 0.3673,
0.3138

 1.8975, 0.5389,
0.2557

179.3602, 0.3634,
0.3150

 0.5469, 0.6848,
0.2201

220.3112, 0.3600,


 0.0000, 1.0000,

0.3159


0.0000


267.0642, 0.3571,
0.3168

 0.0000, 0.0000,
0.0000


 33.9712, 0.4012,
0.3035


 33.9712, 0.4012,
0.3035


 28.1723, 0.4340,
0.2985


 41.1837, 0.3736,
0.3093

 23.6887, 0.4715,
0.2953


 49.8896, 0.3509,
0.3154

 20.4177, 0.5118,
0.2948


 60.1683, 0.3324,
0.3214

 18.2385, 0.5516,
0.2979

 72.0927, 0.3174,
0.3271

 17.0055, 0.5862,
0.3048

 85.7306, 0.3053,
0.3323

 16.5675, 0.6042,
0.3102

 95.0729, 0.2958,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.9712, 0.3406, 0.2634



33.9712, 0.4012, 0.3035



33.9712, 0.4360, 0.3510

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.9712, 0.4012, 0.3035



33.9712, 0.3384, 0.4438



33.9712, 0.2038, 0.2465

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



33.9712, 0.4012, 0.3035



63.9408, 0.2649, 0.3574

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



33.9712, 0.2033, 0.2870



33.9712, 0.4012, 0.3035



33.9712, 0.2772, 0.4110

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33.9712, 0.4012, 0.3035



33.9712, 0.3956, 0.4352



33.9712, 0.2286, 0.3485



33.9712, 0.2292, 0.2308

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33.9712, 0.4012, 0.3035



33.9712, 0.4381, 0.3832



33.9712, 0.2286, 0.3485



33.9712, 0.2008, 0.2572

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



33.9729, 0.4012, 0.3035



79.0926, 0.3315, 0.3217



33.8084, 0.2959, 0.2153



16.2486, 0.3352, 0.3204



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.9729, 0.4012, 0.3035



37.5411, 0.4295, 0.2991



41.1348, 0.4133, 0.3602



14.4202, 0.3258, 0.3238



9.6755, 0.6007, 0.3083



0.7288, 0.5601, 0.2859

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



33.9729, 0.4012, 0.3035



37.5411, 0.4295, 0.2991



51.7263, 0.2480, 0.2945



14.4202, 0.3258, 0.3238



9.6755, 0.6007, 0.3083



0.7288, 0.5601, 0.2859

Previews

White Background



This preview shows how the Yxy color 33.9712, 0.4012, 0.3035 looks on a white background.

Color Contrast Check

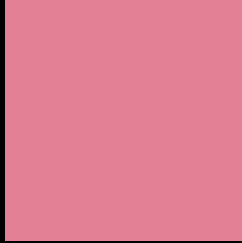
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 33.9712, 0.4012, 0.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.9712, 0.4012, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 33.9712, 0.4012, 0.3035.



This preview shows how white text looks on a background with the Yxy color 33.9712, 0.4012, 0.3035.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

33.9712, 0.4012, 0.3035

Protanopia

34.1731, 0.3048, 0.3143

Deuteranopia

33.9968, 0.3454, 0.3376



Tritanopia

33.9981, 0.4125, 0.3187

Trichromacy



Original Color

33.9712, 0.4012, 0.3035

Protanomaly

33.1983, 0.3366, 0.3084

Deuteranomaly

33.4873, 0.3660, 0.3238

Tritanomaly

33.8524, 0.4082, 0.3128

Monochromacy



Original Color

33.9712, 0.4012, 0.3035

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

33.7705, 0.3424, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9712, 0.4012, 0.3035 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(227, 128, 150)` looks like.

```
.text, #text, p{  
    color:rgb(227, 128, 150)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(227, 128, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 128, 150) }
```

Border

The CSS property to change the border of an element to Yxy 33.9712, 0.4012, 0.3035 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 128, 150) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(227, 128, 150) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(227, 128, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 128, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 128, 150);  
box-shadow:4px 4px 4px 4px rgb(227, 128,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9712, 0.4012, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 128, 150) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(227,  
128, 150) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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